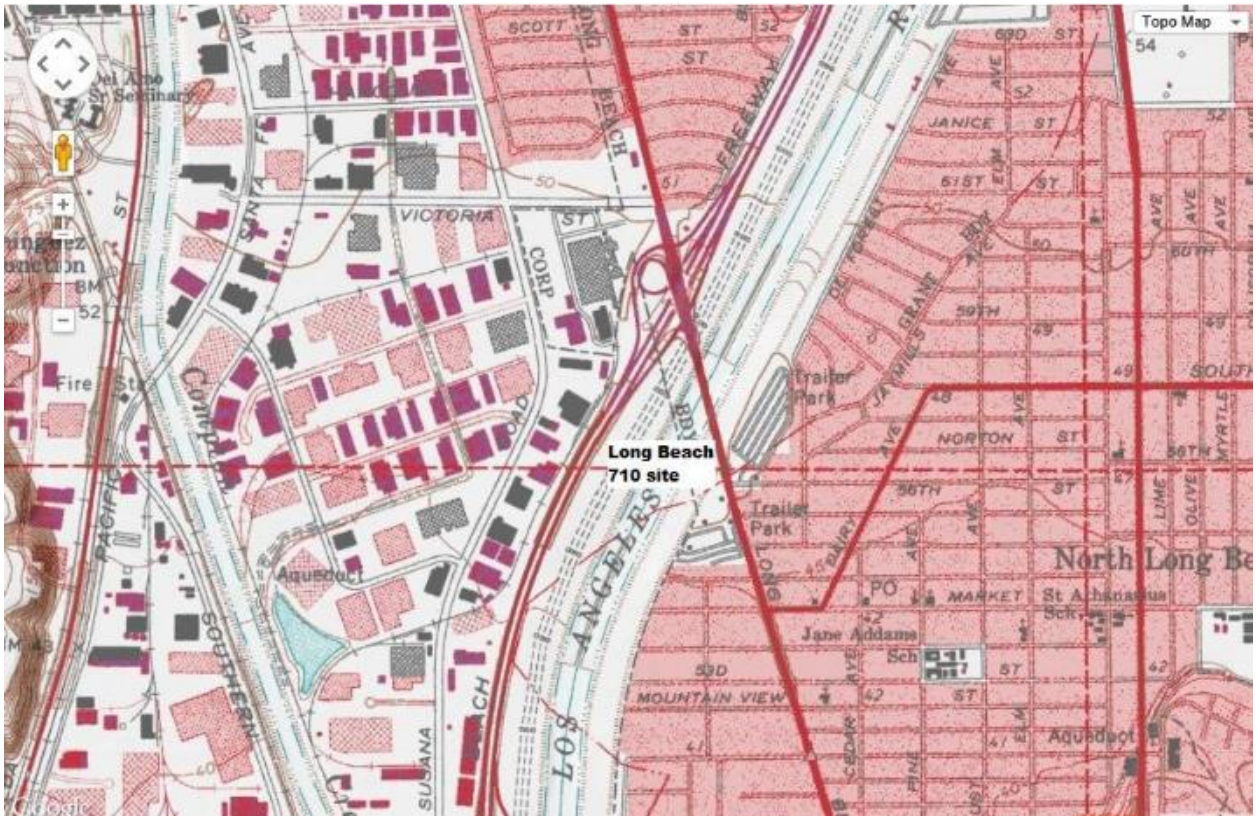
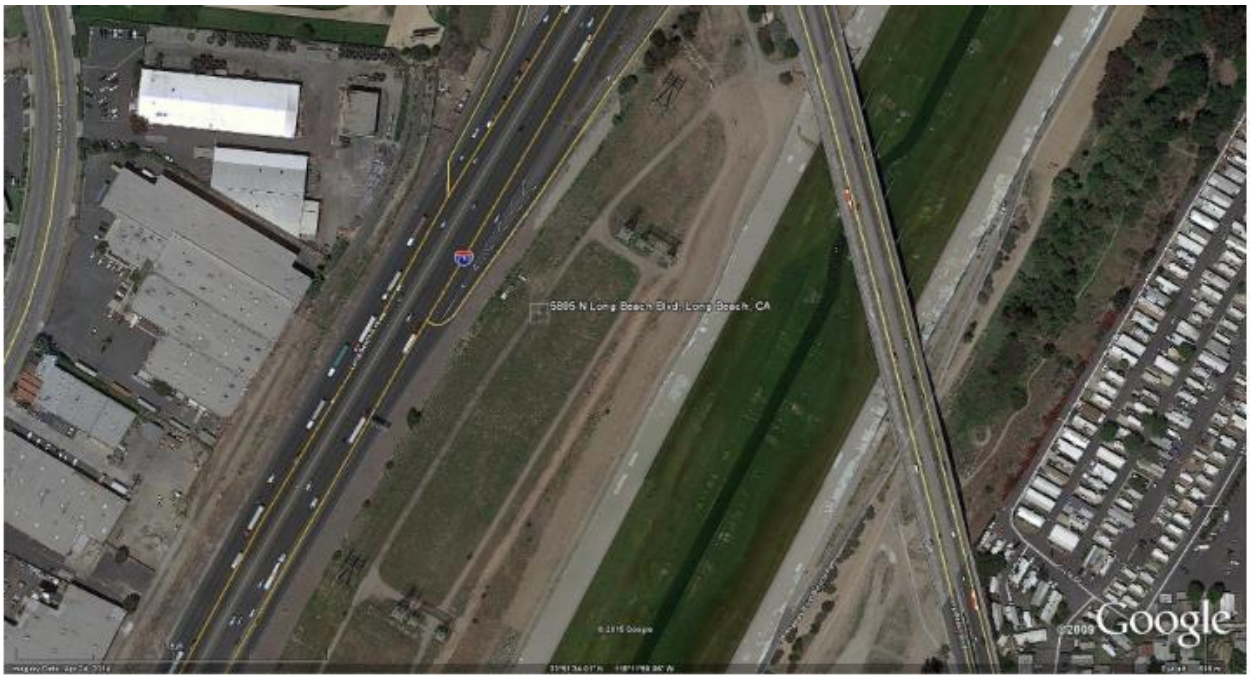
South Coast AQMD
Site Survey Report for Long Beach Route 710 Near Road

Last updated: May 6, 2021



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060374008	70032	1/1/2015	South Coast AQMD (0972)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
5895 Long Beach Blvd. Long Beach, CA 90805	Los Angeles	South Coast	33° 51' 34"N	118° 12' 01"W	12 m


5895 N Long Beach Blvd, Long Beach, CA
Google

Detailed Site Information

Local site name	Long Beach Route 710 Near Road
AQS ID	060374008
GPS coordinates (decimal degrees)	Latitude: 33° 51' 34"N Longitude: 118° 12' 01"W
Street Address	5895 Long Beach Blvd., Long Beach, CA 90806
County	Los Angeles
Distance to roadways (meters)	20
Traffic count (AADT, year)	192,000 / 2012
Groundcover (e.g. asphalt, dirt, sand)	Concrete/dry vegetation
Representative statistical area name (i.e. MSA, CBSA, other)	31080-Los Angeles-Long Beach-Anaheim MSA

Pollutant, POC	Nitrogen Dioxide, 1	24 Hour PM2.5, 1	Continuous PM2.5, 3	
Primary / QA Collocated / Other	N/A	Primary	Other	
Parameter code	42602	88101	88101	
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	
Site type(s)	Population Exposure	Population Exposure	Population Exposure	
Monitor (type)	SLAMS	SLAMS	SLAMS	
Network Affiliation	Near Road	Near Road	Near Road	
Instrument manufacturer and model	Thermo 42i	Partisol 2025i	Thermo 5014	
Method code	074	145	183	
FRM/FEM/ARM/ other	FRM	FRM	FEM	
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	
Analytical Lab (i.e., weigh lab, toxics lab, other)	N/A	South Coast AQMD	N/A	
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	
Spatial scale (e.g. micro, neighborhood)	Micro	Micro	Micro	
Monitoring start date (MM/DD/YYYY)	01/2015	1/2015	1/2016	
Current sampling frequency (e.g.1:3, continuous)	1:1	1:1	1:1	
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	1:1	1:1	
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	
Probe height (meters)	4.5	4.5	4.5	
Distance from supporting structure (meters)	2.0	3.5	2.0	
Distance from obstructions on roof (meters)	N/A	N/A	N/A	

Distance from obstructions not on roof (meters)	N/A	N/A	N/A	
Distance from trees (meters)	N/A	N/A	N/A	
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	
Distance between collocated monitors (meters)	N/A	N/A	N/A	
Unrestricted airflow (degrees)	360°	360°	360°	
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Teflon	NA	NA	
Residence time for reactive gases (seconds)	14.4	NA	NA	
Will there be changes within the next 18 months? (Y/N)	No	No	No	
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	Yes	Yes	
Frequency of flow rate verification for manual PM samplers	N/A	Monthly	N/A	
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	Monthly	
Frequency of one-point QC check for gaseous instruments	Nightly	N/A	N/A	
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	08/07/2020	N/A	N/A	
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	05/18/2020 10/20/2020	06/30/2020 12/16/2020	

Pollutant, POC	WS & D, 1/1	RH/T, 1/1		
Primary / QA Collocated / Other	N/A	N/A		
Parameter code	61101/61102	62201/62101		
Basic monitoring objective(s)	NAAQS	NAAQS		
Site type(s)	Meteorological	Meteorological		
Monitor (type)	SLAMS	SLAMS		
Network Affiliation	Near Road	Near Road		
Instrument manufacturer and model	RM Young 05305V	Rotronic HC2-S3		
Method code	065/065	063/063		
FRM/FEM/ARM/ other	N/A	N/A		
Collecting Agency	South Coast AQMD	South Coast AQMD		
Analytical Lab (i.e., weigh lab, toxics lab, other)	N/A	N/A		
Reporting Agency	South Coast AQMD	South Coast AQMD		
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood		
Monitoring start date (MM/DD/YYYY)	08/2001	08/2001		
Current sampling frequency (e.g.1:3, continuous)	Continuous	Continuous		
Calculated sampling frequency (e.g. 1:3/1:1)	1:1	1:1		
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31		
Probe height (meters)	7.2	6.2		
Distance from supporting structure (meters)	7.2	3.7		
Distance from obstructions on roof (meters)	N/A	N/A		
Distance from obstructions not on roof (meters)	N/A	N/A		
Distance from trees (meters)	N/A	N/A		
Distance to furnace or incinerator flue (meters)	N/A	N/A		
Distance between collocated monitors (meters)	N/A	N/A		
Unrestricted airflow (degrees)	360°	360°		

Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A		
Residence time for reactive gases (seconds)	N/A	N/A		
Will there be changes within the next 18 months? (Y/N)	No	No		
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A		
Frequency of flow rate verification for manual PM samplers	N/A	N/A		
Frequency of flow rate verification for automated PM analyzers	N/A	N/A		
Frequency of one-point QC check for gaseous instruments	N/A	N/A		
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A		
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	N/A		

Long Beach Route 710 Near Road
Site Photos

Looking North from the probe.

Looking East from the probe.

Looking South from the probe.

Looking West from the probe.

Long Beach Route 710 Near Road
Site Photos (Cont.)

Looking at the probe from the North.

Looking at the probe from the East.

Looking at the probe from the South.

Looking at the probe from the West.